AUTHOR INDEX

AGULIAN Sam *see* JIANG Chun, AGULIAN Sam & HADDAD Gabriel G. Cl^- and Na^+ homeostasis during anoxia in rat hypoglossal neurons: intracellular and extracellular *in vitro* studies. 697

AHERN Gerard *see* DULHUNTY Angela F., ZHU Pei-Hong, PATTERSON Michael F. & AHERN Gerard Actions of perchlorate ions on rat soleus muscle fibres. 99

ANAGNOSTOPOULOS Takis *see* DISCALA Françoise, BELACHGAR Fouzia, PLANELLES Gabrielle, HULIN Philippe & ANAGNOSTOPOULOS Takis Barium- or quinine-induced depolarization activates K^+, Na^+ and cationic conductances in frog proximal tubular cells. 525

ASHBY P. *see* PALMER E. & ASHBY P. Corticospinal projections to upper limb motoneurones in humans. 397

ASHMORE J.F. *see* HOUSLEY G.D. & ASHMORE J.F. Ionic currents of outer hair cells isolated from the guinea-pig cochlea. 73

ASIF M. & EDGLEY S.A. Projections of group II-activated midlumbar spinocerebellar tract neurones to the region of nucleus Z in the cat. 565

BARKER P.M. *see* RAMSDEN C.A., MARKIEWICZ M., WALTERS D.V., GABELLA G., PARKER K.A., BARKER P.M. & NEIL H.L. Liquid flow across the epithelium of the artificially perfused lung of fetal and postnatal sheep. 579

BARON Carl B. *see* COBURN Ronald F., MORELAND Suzanne, MORELAND Robert S. & BARON Carl B. Rate-limiting energy-dependent steps controlling oxidative metabolism–contraction coupling in rabbit aorta. 473

BAYLOR D.A. *see* KARPEN J.W., LONEY D.A. & BAYLOR D.A. Cyclic GMP-activated channels of salamander retinal rods: spatial distribution and variation of responsiveness. 257

BAYLOR D.A. *see* MAKINO C.L., TAYLOR W.R. & BAYLOR D.A. Erratum: *Journal of Physiology* **442** (1991) 781

BELACHGAR Fouzia *see* DISCALA Françoise, BELACHGAR Fouzia, PLANELLES Gabrielle, HULIN Philippe & ANAGNOSTOPOULOS Takis Barium- or quinine-induced depolarization activates K^+, Na^+ and cationic conductances in frog proximal tubular cells. 525

BENESTAD H.B. *see* IVERSEN P.O., BENESTAD H.B. & NICOLAYSEN G. Marked splenic hyperaemia during post-haemorrhagic hypotension in the rat, rabbit and cat. 437

BUKAUSKAS Feliksas, KEMPF Christoph & WEINGART Robert Electrical coupling between cells of the insect *Aedes albopictus*. 321

CASADEI Barbara, MEYER Theo E., COATS Andrew J.S., CONWAY James & SLEIGHT Peter Baroreflex control of stroke volume in man: an effect mediated by the vagus. 539

CECCHI G., COLOMO F., POGGESI C. & TESI C. The stimulus interval–tension relation in enzymatically isolated single myocytes of the frog heart. 275

CHIZHMAKOV I.V., KISKIN N.I. & KRISHTAL O.A. Two types of steady-state desensitization of *N*-methyl-D-aspartate receptor in isolated hippocampal neurones of rat. 453

CLARK R.B. *see* SHIMONI Y., CLARK R.B. & GILES W.R. Role of an inwardly rectifying potassium current in rabbit ventricular action potential. 709

CLUSIN William T. *see* LAUER Michael R., GUNN Michael D. & CLUSIN William T. Endothelin activates voltage-dependent Ca^{2+} current by a G protein-dependent mechanism in rabbit cardiac myocytes. 729

COATS Andrew J.S. *see* CASADEI Barbara, MEYER Theo E., COATS Andrew J.S., CONWAY James & SLEIGHT Peter Baroreflex control of stroke volume in man: an effect mediated by the vagus. 539

COBURN Ronald F., MORELAND Suzanne, MORELAND Robert S. & BARON Carl B. Rate-limiting energy-dependent steps controlling oxidative metabolism–contraction coupling in rabbit aorta. 473

COLOMO F. *see* CECCHI G., COLOMO F., POGGESI C. & TESI C. The stimulus interval–tension relation in enzymatically isolated single myocytes of the frog heart. 275

CONWAY James *see* CASADEI Barbara, MEYER Theo E., COATS Andrew J.S., CONWAY James & SLEIGHT Peter Baroreflex control of stroke volume in man: an effect mediated by the vagus. 539

DE CORT S.C. *see* INNES J.A., DE CORT S.C., EVANS P.J. & GUZ A. Central command influences cardiorespiratory response to dynamic exercise in humans with unilateral weakness. 551

DEMPSEY Jerome A. *see* SAUPE Kurt W., SMITH Curtis A., HENDERSON Kathleen S. & DEMPSEY Jerome A. Respiratory muscle recruitment during selective central and peripheral chemoreceptor stimulation in awake dogs. 613

DISCALA Françoise, BELACHGAR Fouzia, PLANELLES Gabrielle, HULIN Philippe & ANAGNOSTOPOULOS Takis Barium- or quinine-induced depolarization activates K^+, Na^+ and cationic conductances in frog proximal tubular cells. 525

DONOSO P., MILL J.G., O'NEILL S.C. & EISNER D.A. Fluorescence measurements of cytoplasmic and mitochondrial sodium concentration in rat ventricular myocytes. 493

DULHUNTY Angela F., ZHU Pei-Hong, PATTERSON Michael F. & AHERN Gerard Actions of perchlorate ions on rat soleus muscle fibres. 99

EDGLEY S.A. *see* ASIF M. & EDGLEY S.A. Projections of group II-activated midlumbar spinocerebellar tract neurones to the region of nucleus Z in the cat. 565

EISNER D.A. *see* DONOSO P., MILL J.G., O'NEILL S.C. & EISNER D.A. Fluorescence measurements of cytoplasmic and mitochondrial sodium concentration in rat ventricular myocytes. 493

ELZINGA G. *see* NAGESSER A.S., VAN DER LAARSE W.J. & ELZINGA G. Metabolic changes with fatigue in different types of single muscle fibres of *Xenopus laevis*. 511

EVANS P.J. *see* INNES J.A., DE CORT S.C., EVANS P.J. & GUZ A. Central command influences cardiorespiratory response to dynamic exercise in humans with unilateral weakness. 551

FRANCINI Fabio, PIZZA Lucia & TRAINA Giovanna Inactivation of the slow calcium current in twitch skeletal muscle fibres of the frog. 633

GABELLA G. *see* RAMSDEN C.A., MARKIEWICZ M., WALTERS D.V., GABELLA G., PARKER K.A., BARKER P.M. & NEIL H.L. Liquid flow across the epithelium of the artificially perfused lung of fetal and postnatal sheep. 579

GILES W.R. *see* SHIMONI Y., CLARK R.B. & GILES W.R. Role of an inwardly rectifying potassium current in rabbit ventricular action potential. 709

GUNN Michael D. *see* LAUER Michael R., GUNN Michael D. & CLUSIN William T. Endothelin activates voltage-dependent Ca^{2+} current by a G protein-dependent mechanism in rabbit cardiac myocytes. 729

GUZ A. *see* INNES J.A., DE CORT S.C., EVANS P.J. & GUZ A. Central command influences cardiorespiratory response to dynamic exercise in humans with unilateral weakness. 551

HADDAD Gabriel G. *see* JIANG Chun, XIA Ying & HADDAD Gabriel G. Role of ATP-sensitive K^+ channels during anoxia: major differences between rat (newborn and adult) and turtle neurons. 599

HADDAD Gabriel G. *see* JIANG Chun, AGULIAN Sam & HADDAD Gabriel G. Cl^- and Na^+ homeostasis during anoxia in rat hypoglossal neurons: intracellular and extracellular *in vitro* studies. 697

HAGIWARA Nobuhisa, IRISAWA Hiroshi, KASANUKI Hiroshi & HOSODA Saichi Background current in sino-atrial node cells of the rabbit heart. 53

HANSEN Michael & SKYDSGAARD Jørgen M. Stilbene disulphonates inhibit apparently separate chloride transporters in skeletal muscle of *Rana temporaria*. 383

HASHIZUME Ken *see* KANDA Kenro & HASHIZUME Ken Factors causing difference in force output among motor units in the rat medial gastrocnemius muscle. 677

HENDERSON Kathleen S. *see* SAUPE Kurt W., SMITH Curtis A., HENDERSON Kathleen S. & DEMPSEY Jerome A. Respiratory muscle recruitment during selective central and peripheral chemoreceptor stimulation in awake dogs. 613

HILLE Bertil *see* YANG Jian, MATHIE Alistair & HILLE Bertil $5\text{-}HT_3$ receptor channels in dissociated rat superior cervical ganglion neurons. 237

HOSODA Saichi *see* HAGIWARA Nobuhisa, IRISAWA Hiroshi, KASANUKI Hiroshi & HOSODA Saichi Background current in sino-atrial node cells of the rabbit heart. 53

HOUSLEY G.D. & ASHMORE J.F. Ionic currents of outer hair cells isolated from the guinea-pig cochlea. 73

HULIN Philippe *see* DISCALA Françoise, BELACHGAR Fouzia, PLANELLES Gabrielle, HULIN Philippe & ANAGNOSTOPOULOS Takis Barium- or quinine-induced depolarization activates K^+, Na^+ and cationic conductances in frog proximal tubular cells. 525

ILYIN Victor & PARKER Ian Effects of alcohols on responses evoked by inositol trisphosphate in *Xenopus* oocytes. 339

INNES J.A., DE CORT S.C., EVANS P.J. & GUZ A. Central command influences cardiorespiratory response to dynamic exercise in humans with unilateral weakness. 551

IRISAWA Hiroshi *see* HAGIWARA Nobuhisa, IRISAWA Hiroshi, KASANUKI Hiroshi & HOSODA Saichi Background current in sino-atrial node cells of the rabbit heart. 53

IVERSEN P.O., BENESTAD H.B. & NICOLAYSEN G. Marked splenic hyperaemia during post-haemorrhagic hypotension in the rat, rabbit and cat. 437

JIANG Chun, XIA Ying & HADDAD Gabriel G. Role of ATP-sensitive K^+ channels during anoxia: major differences between rat (newborn and adult) and turtle neurons. 599

JIANG Chun, AGULIAN Sam & HADDAD Gabriel G. Cl^- and Na^+ homeostasis during anoxia in rat hypoglossal neurons: intracellular and extracellular *in vitro* studies. 697

KANDA Kenro & HASHIZUME Ken Factors causing difference in force output among motor units in the rat medial gastrocnemius muscle. 677

KARPEN J.W., LONEY D.A. & BAYLOR D.A. Cyclic GMP-activated channels of salamander retinal rods: spatial distribution and variation of responsiveness. 257

KASAI Haruo & NEHER Erwin Dihydropyridine-sensitive and ω-conotoxin-sensitive calcium channels in a mammalian neuroblastoma–glioma cell line. 161

KASAI Haruo Voltage- and time-dependent inhibition of neuronal calcium channels by a GTP-binding protein in a mammalian cell line. 189

KASANUKI Hiroshi *see* HAGIWARA Nobuhisa, IRISAWA Hiroshi, KASANUKI Hiroshi & HOSODA Saichi Background current in sino-atrial node cells of the rabbit heart. 53

KEMPF Christoph *see* BUKAUSKAS Feliksas, KEMPF Christoph & WEINGART Robert Electrical coupling between cells of the insect *Aedes albopictus*. 321

KISKIN N.I. *see* CHIZHMAKOV I.V., KISKIN N.I. & KRISHTAL O.A. Two types of steady-state desensitization of *N*-methyl-D-aspartate receptor in isolated hippocampal neurones of rat. 453

KITAMURA Kenji *see* OIKE Masahiro, KITAMURA Kenji & KURIYAMA Hirosi Histamine H_3-receptor activation augments voltage-dependent Ca^{2+} current via GTP hydrolysis in rabbit saphenous artery. 133

KREULEN David L. *see* MEEHAN Alan G. & KREULEN David L. A capsaicin-sensitive inhibitory reflex from the colon to mesenteric arteries in the guinea-pig. 153

KRISHTAL O.A. *see* CHIZHMAKOV I.V., KISKIN N.I. & KRISHTAL O.A. Two types of steady-state desensitization of *N*-methyl-D-aspartate receptor in isolated hippocampal neurones of rat. 453

KURIYAMA Hirosi *see* OIKE Masahiro, KITAMURA Kenji & KURIYAMA Hirosi Histamine H_3-receptor activation augments voltage-dependent Ca^{2+} current via GTP hydrolysis in rabbit saphenous artery. 133

LAMB G.D., RECUPERO E. & STEPHENSON D.G. Effect of myoplasmic pH on excitation–contraction coupling in skeletal muscle fibres of the toad. 211

LAMOTTE R.H., LUNDBERG L.E.R. & TOREBJÖRK H.E. Pain, hyperalgesia and activity in nociceptive C units in humans after intradermal injection of capsaicin. 749

LAMOTTE R.H. *see* TOREBJÖRK H.E., LUNDBERG L.E.R. & LAMOTTE R.H. Central changes in processing of mechanoreceptive input in capsaicin-induced secondary hyperalgesia in humans. 765

LAUER Michael R., GUNN Michael D. & CLUSIN William T. Endothelin activates voltage-dependent Ca^{2+} current by a G protein-dependent mechanism in rabbit cardiac myocytes. 729

LONEY D.A. *see* KARPEN J.W., LONEY D.A. & BAYLOR D.A. Cyclic GMP-activated channels of salamander retinal rods: spatial distribution and variation of responsiveness. 257

LUNDBERG L.E.R. *see* LAMOTTE R.H., LUNDBERG L.E.R. & TOREBJÖRK H.E. Pain, hyperalgesia and activity in nociceptive C units in humans after intradermal injection of capsaicin. 749

LUNDBERG L.E.R. *see* TOREBJÖRK H.E., LUNDBERG L.E.R. & LAMOTTE R.H. Central changes in processing of mechanoreceptive input in capsaicin-induced secondary hyperalgesia in humans. 765

LUNIN S.D. *see* WILKINSON R.S., LUNIN S.D. & STEVERMER J.J. Regulation of single quantal efficacy at the snake neuromuscular junction. 413

MCCLOSKEY D.I. *see* ULMAN Lesley G., POTTER Erika K. & MCCLOSKEY D.I. Effects of sympathetic activity and galanin on cardiac vagal action in anaesthetized cats. 225

MAKINO C.L., TAYLOR W.R. & BAYLOR D.A. Erratum: *Journal of Physiology* **442** (1991) 781

MANOR David *see* SEGAL Menahem & MANOR David Confocal microscopic imaging of $[Ca^{2+}]_i$ in cultured rat hippocampal neurons following exposure to *N*-methyl-D-aspartate. 655

MARKIEWICZ M. *see* RAMSDEN C.A., MARKIEWICZ M., WALTERS D.V., GABELLA G., PARKER K.A., BARKER P.M. & NEIL H.L. Liquid flow across the epithelium of the artificially perfused lung of fetal and postnatal sheep. 579

MATHIE Alistair *see* YANG Jian, MATHIE Alistair & HILLE Bertil 5-HT_3 receptor channels in dissociated rat superior cervical ganglion neurons. 237

MAYER Emeran *see* SUN Xiao Ping, SUPPLISSON Stephane, TORRES Rafael, SACHS George & MAYER Emeran Characterization of large-conductance chloride channels in rabbit colonic smooth muscle. 355

MEEHAN Alan G. & KREULEN David L. A capsaicin-sensitive inhibitory reflex from the colon to mesenteric arteries in the guinea-pig. 153

MEYER Theo E. *see* CASADEI Barbara, MEYER Theo E., COATS Andrew J.S., CONWAY James & SLEIGHT Peter Baroreflex control of stroke volume in man: an effect mediated by the vagus. 539

MILL J.G. *see* DONOSO P., MILL J.G., O'NEILL S.C. & EISNER D.A. Fluorescence measurements of cytoplasmic and mitochondrial sodium concentration in rat ventricular myocytes. 493

MINAGAWA Takashi *see* MORIMOTO Keiko, MORIMOTO Akio, NAKAMORI Tomoki, TAN Nobusuke, MINAGAWA Takashi & MURAKAMI Naotoshi Cardiovascular responses induced in free-moving rats by immune cytokines. 307

MORELAND Robert S. *see* COBURN Ronald F., MORELAND Suzanne, MORELAND Robert S. & BARON Carl B. Rate-limiting energy-dependent steps controlling oxidative metabolism–contraction coupling in rabbit aorta. 473

MORELAND Suzanne *see* COBURN Ronald F., MORELAND Suzanne, MORELAND Robert S. & BARON Carl B. Rate-limiting energy-dependent steps controlling oxidative metabolism–contraction coupling in rabbit aorta. 473

MORGAN Kathleen G. *see* PAWLOWSKI John & MORGAN Kathleen G. Mechanisms of intrinsic tone in ferret vascular smooth muscle. 121

MORII Magotoshi *see* SAKAI Hideki, OKADA Yasunobu, MORII Magotoshi & TAKEGUCHI Noriaki Arachidonic acid and prostaglandin E_2 activate small-conductance Cl^- channels in the basolateral membrane of rabbit parietal cells. 293

MORIMOTO Akio *see* MORIMOTO Keiko, MORIMOTO Akio, NAKAMORI Tomoki, TAN Nobusuke, MINAGAWA Takashi & MURAKAMI Naotoshi Cardiovascular responses induced in free-moving rats by immune cytokines. 307

MORIMOTO Keiko, MORIMOTO Akio, NAKAMORI Tomoki, TAN Nobusuke, MINAGAWA Takashi & MURAKAMI Naotoshi Cardiovascular responses induced in free-moving rats by immune cytokines. 307

MURAKAMI Naotoshi *see* MORIMOTO Keiko, MORIMOTO Akio, NAKAMORI Tomoki, TAN Nobusuke, MINAGAWA Takashi & MURAKAMI Naotoshi Cardiovascular responses induced in free-moving rats by immune cytokines. 307

NAGESSER A.S., VAN DER LAARSE W.J. & ELZINGA G. Metabolic changes with fatigue in different types of single muscle fibres of *Xenopus laevis*. 511

NAKAMORI Tomoki *see* MORIMOTO Keiko, MORIMOTO Akio, NAKAMORI Tomoki, TAN Nobusuke, MINAGAWA Takashi & MURAKAMI Naotoshi Cardiovascular responses induced in free-moving rats by immune cytokines. 307

NEHER Erwin *see* KASAI Haruo & NEHER Erwin Dihydropyridine-sensitive and ω-conotoxin-sensitive calcium channels in a mammalian neuroblastoma–glioma cell line. 161

NEIL H.L. *see* RAMSDEN C.A., MARKIEWICZ M., WALTERS D.V., GABELLA G., PARKER K.A., BARKER P.M. & NEIL H.L. Liquid flow across the epithelium of the artificially perfused lung of fetal and postnatal sheep. 579

NICOLAYSEN G. *see* IVERSEN P.O., BENESTAD H.B. & NICOLAYSEN G. Marked splenic hyperaemia during post-haemorrhagic hypotension in the rat, rabbit and cat. 437

OIKE Masahiro, KITAMURA Kenji & KURIYAMA Hirosi Histamine H_3-receptor activation augments voltage-dependent Ca^{2+} current via GTP hydrolysis in rabbit saphenous artery. 133

OKADA Yasunobu *see* SAKAI Hideki, OKADA Yasunobu, MORII Magotoshi & TAKEGUCHI Noriaki Arachidonic acid and prostaglandin E_2 activate small-conductance Cl^- channels in the basolateral membrane of rabbit parietal cells. 293

O'NEILL S.C. *see* DONOSO P., MILL J.G., O'NEILL S.C. & EISNER D.A. Fluorescence measurements of cytoplasmic and mitochondrial sodium concentration in rat ventricular myocytes. 493

PALMER E. & ASHBY P. Corticospinal projections to upper limb motoneurones in humans. 397

PARKER Ian *see* ILYIN Victor & PARKER Ian Effects of alcohols on responses evoked by inositol trisphosphate in *Xenopus* oocytes. 339

PARKER K.A. *see* RAMSDEN C.A., MARKIEWICZ M., WALTERS D.V., GABELLA G., PARKER K.A., BARKER P.M. & NEIL H.L. Liquid flow across the epithelium of the artificially perfused lung of fetal and postnatal sheep. 579

PATTERSON Michael F. *see* DULHUNTY Angela F., ZHU Pei-Hong, PATTERSON Michael F. & AHERN Gerard Actions of perchlorate ions on rat soleus muscle fibres. 99

PAWLOWSKI John & MORGAN Kathleen G. Mechanisms of intrinsic tone in ferret vascular smooth muscle. 121

PETERSEN Ole H. Stimulus–secretion coupling: cytoplasmic calcium signals and the control of ion channels in exocrine acinar cells. 1

PIZZA Lucia *see* FRANCINI Fabio, PIZZA Lucia & TRAINA Giovanna Inactivation of the slow calcium current in twitch skeletal muscle fibres of the frog. 633

PLANELLES Gabrielle *see* DISCALA Françoise, BELACHGAR Fouzia, PLANELLES Gabrielle, HULIN Philippe & ANAGNOSTOPOULOS Takis Barium- or quinine-induced depolarization activates K^+, Na^+ and cationic conductances in frog proximal tubular cells. 525

POGGESI C. *see* CECCHI G., COLOMO F., POGGESI C. & TESI C. The stimulus interval–tension relation in enzymatically isolated single myocytes of the frog heart. 275

POTTER Erika K. *see* ULMAN Lesley G., POTTER Erika K. & MCCLOSKEY D.I. Effects of sympathetic activity and galanin on cardiac vagal action in anaesthetized cats. 225

RAMSDEN C.A., MARKIEWICZ M., WALTERS D.V., GABELLA G., PARKER K.A., BARKER P.M. & NEIL H.L. Liquid flow across the epithelium of the artificially perfused lung of fetal and postnatal sheep. 579

RECUPERO E. *see* LAMB G.D., RECUPERO E. & STEPHENSON D.G. Effect of myoplasmic pH on excitation–contraction coupling in skeletal muscle fibres of the toad. 211

SACHS George *see* SUN Xiao Ping, SUPPLISSON Stephane, TORRES Rafael, SACHS George & MAYER Emeran Characterization of large-conductance chloride channels in rabbit colonic smooth muscle. 355

SAKAI Hideki, OKADA Yasunobu, MORII Magotoshi & TAKEGUCHI Noriaki Arachidonic acid and prostaglandin E_2 activate small-conductance Cl^- channels in the basolateral membrane of rabbit parietal cells. 293

SAUPE Kurt W., SMITH Curtis A., HENDERSON Kathleen S. & DEMPSEY Jerome A. Respiratory muscle recruitment during selective central and peripheral chemoreceptor stimulation in awake dogs. 613

SEGAL Menahem & MANOR David Confocal microscopic imaging of $[Ca^{2+}]_i$ in cultured rat hippocampal neurons following exposure to *N*-methyl-D-aspartate. 655

SHIMONI Y., CLARK R.B. & GILES W.R. Role of an inwardly rectifying potassium current in rabbit ventricular action potential. 709

SKYDSGAARD Jørgen M. *see* HANSEN Michael & SKYDSGAARD Jørgen M. Stilbene disulphonates inhibit apparently separate chloride transporters in skeletal muscle of *Rana temporaria*. 583

SLEIGHT Peter *see* CASADEI Barbara, MEYER Theo E., COATS Andrew J.S., CONWAY James & SLEIGHT Peter Baroreflex control of stroke volume in man: an effect mediated by the vagus. 539

SMITH Curtis A. *see* SAUPE Kurt W., SMITH Curtis A., HENDERSON Kathleen S. & DEMPSEY Jerome A. Respiratory muscle recruitment during selective central and peripheral chemoreceptor stimulation in awake dogs. 613

STEPHENSON D.G. *see* LAMB G.D., RECUPERO E. & STEPHENSON D.G. Effect of myoplasmic pH on excitation–contraction coupling in skeletal muscle fibres of the toad. 211

STEVERMER J.J. *see* WILKINSON R.S., LUNIN S.D. & STEVERMER J.J. Regulation of single quantal efficacy at the snake neuromuscular junction. 413

SUN Xiao Ping, SUPPLISSON Stephane, TORRES Rafael, SACHS George & MAYER Emeran Characterization of large-conductance chloride channels in rabbit colonic smooth muscle. 355

SUPPLISSON Stephane *see* SUN Xiao Ping, SUPPLISSON Stephane, TORRES Rafael, SACHS George & MAYER Emeran Characterization of large-conductance chloride channels in rabbit colonic smooth muscle. 355

TAKEGUCHI Noriaki *see* SAKAI Hideki, OKADA Yasunobu, MORII Magotoshi & TAKEGUCHI Noriaki Arachidonic acid and prostaglandin E_2 activate small-conductance Cl^- channels in the basolateral membrane of rabbit parietal cells. 293

TAN Nobusuke *see* MORIMOTO Keiko, MORIMOTO Akio, NAKAMORI Tomoki, TAN Nobusuke, MINAGAWA Takashi & MURAKAMI Naotoshi Cardiovascular responses induced in free-moving rats by immune cytokines. 307

TAYLOR W.R. *see* MAKINO C.L., TAYLOR W.R. & BAYLOR D.A. Erratum: *Journal of Physiology* **442** (1991) 781

TESI C. *see* CECCHI G., COLOMO F., POGGESI C. & TESI C. The stimulus interval–tension relation in enzymatically isolated single myocytes of the frog heart. 275

TOREBJÖRK H.E. *see* LAMOTTE R.H., LUNDBERG L.E.R. & TOREBJÖRK H.E. Pain, hyperalgesia and activity in nociceptive C units in humans after intradermal injection of capsaicin. 749

TOREBJÖRK H.E., LUNDBERG L.E.R. & LAMOTTE R.H. Central changes in processing of mechanoreceptive input in capsaicin-induced secondary hyperalgesia in humans. 765

TORRES Rafael *see* SUN Xiao Ping, SUPPLISSON Stephane, TORRES Rafael, SACHS George & MAYER Emeran Characterization of large-conductance chloride channels in rabbit colonic smooth muscle. 355

TRAINA Giovanna *see* FRANCINI Fabio, PIZZA Lucia & TRAINA Giovanna Inactivation of the slow calcium current in twitch skeletal muscle fibres of the frog. 633

ULMAN Lesley G., POTTER Erika K. & MCCLOSKEY D.I. Effects of sympathetic activity and galanin on cardiac vagal action in anaesthetized cats. 225

VAN DER LAARSE W.J. *see* NAGESSER A.S., VAN DER LAARSE W.J. & ELZINGA G. Metabolic changes with fatigue in different types of single muscle fibres of *Xenopus laevis*. 511

WALTERS D.V. *see* RAMSDEN C.A., MARKIEWICZ M., WALTERS D.V., GABELLA G., PARKER K.A., BARKER P.M. & NEIL H.L. Liquid flow across the epithelium of the artificially perfused lung of fetal and postnatal sheep. 579

WEINGART Robert *see* BUKAUSKAS Feliksas, KEMPF Christoph & WEINGART Robert Electrical coupling between cells of the insect *Aedes albopictus*. 321

WILKINSON R.S., LUNIN S.D. & STEVERMER J.J. Regulation of single quantal efficacy at the snake neuromuscular junction. 413

XIA Ying *see* JIANG Chun, XIA Ying & HADDAD Gabriel G. Role of ATP-sensitive K^+ channels during anoxia: major differences between rat (newborn and adult) and turtle neurons. 599

YANG Jian, MATHIE Alistair & HILLE Bertil 5-HT_3 receptor channels in dissociated rat superior cervical ganglion neurons. 237

ZHU Pei-Hong *see* DULHUNTY Angela F., ZHU Pei-Hong, PATTERSON Michael F. & AHERN Gerard Actions of perchlorate ions on rat soleus muscle fibres. 99